

JAN 18 2006

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Attention:	Group Art Unit: 2664 Examiner: To be determined	Fax:	(571) 273-8300
UNITED STATES PATENT AND TRADEMARK OFFICE			
Pages:	Cover + 2 + 1 = 4	Date:	January 18, 2006
From:	Georgann S. Grunebach	Fax:	(310) 964-0941
	Assistant General Counsel	Phone:	(310) 964-4615

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Telephone No. (310) 964-4615 Georgann S. Grunebach, Reg. No. 33,179
 (Printed Name of Person Signing Certificate)

January 18, 2006
 (Date of Signature)

Attention: Commissioner for Patents

Attorney Docket No. PD-202074

Please find attached Re:

Serial No.: 10/532,631

I.A. Filing Date: October 20, 2003

371(c) Date: April 25, 2005

- INFORMATION DISCLOSURE STATEMENT (2 pages)
- SUBSTITUTE PTO FORM 1449 (1 page)

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JAN 18 2006

Patent

PD-202074

Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Paul R. Anderson : I hereby certify that this correspondence is
 Serial No.: 10/532,631 : being transmitted to facsimile number
 I.A. Filing Date: October 20, 2003 : (571) 273-8300 (Centralized Facsimile
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 LAYERED MODULATION FOR : 22313-1450, on the date below.
 DIGITAL SIGNALS : 
 Group Art Unit: 2664 :
 Examiner: To be determined :
 Typed or printed name of person signing certificate
 Date: January 18, 2006

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
 Commissioner for Patents
 P. O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. It is respectfully requested that the references be considered and made of record in the application identified above.

Citation numbers 1-3 were cited in an Office action dated December 21, 2005 in related patent application serial number 10/165,710 filed on June 7, 2002.

Citation number 4 was cited in an Office action dated January 5, 2006 in related patent application serial number 10/236,414 filed on September 6, 2002.

This statement should be considered because it is being submitted before the mailing of a first Office action on the merits under 37 C.F.R. §1.97(b)(3). Accordingly, it is submitted that no fee is due in this matter.

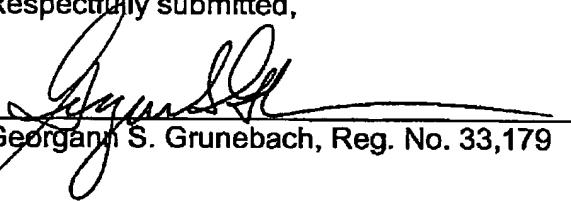
Serial No. 10/532,631.....Page 2

However, if it is determined that any appropriate fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By:


Georgann S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc.
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El Segundo, CA 90245

Telephone No. (310) 964-4615

January 18, 2006

<p>Substitute for forms PTO/SB/08A and PTO/SB/08B</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p>	Complete if Known	
	Application Number	10/532,631
	I.A. Filing Date	October 20, 2003
	371 (c) Date	April 25, 2005
	First Named Inventor	Paul R. Anderson
	Art Unit	2664
	Examiner Name	To be determined
Sheet 1 of 1	Attorney Docket Number	PD-202074

Examiner Signature		Date Considered	
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.